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COUNTY BOROUGH OF WEST HARTLEPOOL



ANNUAL REPORT

UPON THE HEALTH OF
WEST HARTLEPOOL

FOR THE YEAR 1948



JOHN W. McKEGGIE

M.B., Ch.B., D.P.H.,

MEDICAL OFFICER OF HEALTH

TUBERCULOSIS OFFICER

SCHOOL MEDICAL OFFICER

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REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1948

PUBLIC HEALTH DEPARTMENT,
VICTORIA ROAD,
WEST HARTLEPOOL.
JULY, 1949.

*To the Mayor, Aldermen and Councillors of the
County Borough of West Hartlepool.*

I have the honour to present my nineteenth Annual Report on the health and sanitary circumstances of the County Borough of West Hartlepool.

The vital statistics for the year on the whole are very satisfactory. The birth rate is slightly lower than last year and the death rate shows a slight drop, but the Infantile Mortality rate is the lowest that has ever been recorded in the history of the Borough, and although higher than the country as a whole, shows a definite step in the right direction. Under four weeks the main causes of death are Prematurity and Pneumonia, and over four weeks they are Pneumonia and Diarrhoea, so I feel that any improvement on this figure can best be attained by concentrating as far as is possible within our knowledge, on these causes and methods for their prevention or cure.

In the middle age group, 15-35 years of age, there is a high incidence of deaths from Tuberculosis, affecting both sexes. It seems to arise about the same time in both sexes, reaches its maximum earlier in women and fades earlier than in the male.

At the extreme end of life, the deaths are mostly attributed to Cancer and Heart Disease.

The incidence of Tuberculosis has shown a slight increase, although the number of deaths has decreased. Our lines of attack are fairly well known and appreciated by all, and have largely a social background, but the provision of houses is slow and finances are usually depleted in tuberculous families, but while we continue to press for measures for early evidence and the following up of contacts, much improvement on curative measures has been made in the past few years.

At the end of the chapter of life we can offer little to the advanced carcinoma case, but agree early recognition is extremely helpful in eradication, and the study of heart diseases and the ailments of aged persons has opened a new field in medicine which will do much towards lifting the care of aged and infirm from Hospital Authorities back to the private families themselves in suitable cases, and to the Local Authority in the more unfortunate. Here I am treading on changes which are occurring in the field of Public Health and on which it is early to make any serious pronouncements, beyond saying that with the additional work of the National Health Service Act and National Assistance Act etc., the transitional period has gone very smoothly.

Although we have submitted our proposals to the Ministry, changes should not be entered into too rapidly without a period of looking round. Taking our Maternity and Child Welfare work as an example, over 90% of new born babies in the Borough attend our Welfare Centres now when we have Local Authority Medical Officers and Nurses. Would we retain the same figures if we introduced General Practitioners in an effort to establish liaison between Specialists, Family Doctor and Local Authority Nurses working under the Health Department? The numbers attending are admittedly too large for individual talks to mothers and this might be got over by extra clinics and extra staff, but is the best work done here, or is it in the home where the Health Visitor can get into intimate and friendly relations with the mother while she is doing her daily work of cooking, washing or attending the family?

In this Borough, the time is short for intimate talks, as it is limited to mornings and then the housewife is too busy or out shopping and queuing in an endeavour to provide the balanced diet she hears about at the clinic. If this is the better way it again means more staff as not only is the nurse concerned with the infant but is to be regarded in the future as the guide and philosopher to the whole family in preventing disease and maintaining health.

It will be observed that roughly two thirds of the births are now institutional, and although the Psychologist tells us that the natural place for these happy events is the home, will the social demand largely created by our propaganda of the past twenty years prevail or will we again go round the cycle?

The Local Authority Midwife continues to help out the shortage of staff in Maternity Hospitals, and I feel that this is good for both sides and is a small example of the intended co-operation of the new health services.

I am incorporating a new table showing deaths, births, Infantile Mortality and incidence of Infectious Disease in the various wards with the idea in my mind of showing where the work of my department should be concentrated, but I have little doubt it may be used for other purposes, propaganda etc.

Finally, I wish to thank the members of the Committee for their consideration and helpfulness in a year which will mark an important milestone in Public Health Development, and my fellow officials and members of my own department for their helpful co-operation at all times.

I remain,

Your Medical Officer of Health,

J. W. McKEGGIE.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (Square miles)	..	..	..	..	..	..	6.98
Population (Census 1931)	..	..	..	..	..	..	68,134
Population (Registrar-General's Estimate 1948)	..	..	..	..	..	..	71,500
(The calculations in this report are based on the latter figures).							
Number of Inhabited Houses on 31st December, 1948							
according to the Rate Books	..	..	..	..	..	..	19,721
Rateable Value (1st April, 1948)	..	..	..	..	..	..	£403,880
Sum represented by a Penny Rate (31st March, 1948)	..	..	..	..	..	..	£1,615
Birth Rate	..	..	..	..	..	..	22.92
Death Rate	..	..	..	..	..	..	11.71
Infantile Mortality Rate	..	..	..	..	..	..	47

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	Total	Male	Female	
Live Births—				} Birth Rate per 1,000 of the estimated resident population—22.92.
Legitimate	.. 1557	.. 789	.. 768	
Illegitimate	.. 82	.. 47	.. 35	

Stillbirths 29. Rate per 1,000 total population—0.41.

Deaths 837. Death Rate per 1,000 of the estimated resident population—
 11.71

Deaths from puerperal causes—

From sepsis	..	..	1
From other causes	..	..	1
			—
Total	..	..	2
			—

Death Rate of Infants under one year of age :—

All infants per 1,000 live births—

Legitimate 43.3. Illegitimate 3.7 Total 47.0.

Deaths from Cancer	..	..	..	..	..	..	146
Deaths from Measles (all ages)	..	..	..	..	..	..	1
Deaths from Whooping Cough (all ages)	..	..	..	..	..	..	1
Deaths from Diarrhoea (under two years)	..	..	..	..	..	..	11

HEALTH COMMITTEE.

1947/48.

COUNCILLOR OLDFIELD—*Chairman* (Resigned 22/11/48).
 COUNCILLOR ROGERS—*Vice-Chairman* (Appointed Chairman 22/11/48).
 COUNCILLOR PROCTOR (Appointed Vice-Chairman 22/11/48).
 ALDERMAN E. BLOOM.
 ALDERMAN MIDDLETON.
 ALDERMAN WILLIAMS.

COUNCILLOR ADDISON.
 COUNCILLOR BRACKSTONE.
 COUNCILLOR MRS. BREWARD.
 COUNCILLOR HAND.
 COUNCILLOR MEREDITH.
 COUNCILLOR RELTON.
 COUNCILLOR WEED.

DR. RISHWORTH.
 DR. STONE. (Resigned 24/5/48).
 DR. MUIR. (Appointed 24/5/48).

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

PUBLIC HEALTH STAFF.

Medical Officer of Health, School Medical Officer, etc.—

J. W. McKEGGIE, M.B., Ch.B., D.P.H.

Assistant Medical Officers of Health—

JEAN FLOYD FARQUHAR, M.B., Ch.B., D.P.H.

S. HYMAN, B.A., M.B., B.Ch., B.A.O., D.P.H.

M. H. WATERS, B.A., M.B., B.Ch., B.A.O., C.P.H.

Consultant Obstetric Surgeons—

MR. HARVEY EVERS (Newcastle-upon-Tyne).

MR. WM. HUNTER „ „

MR. FARQUAR-MURRAY „ „

MR. F. STABLER „ „

Consultants, Puerperal Pyrexia Regulations—

A. C. AINSLEY, F.R.C.S., L.R.C.P.

Ophthalmia Surgeon (Part-time)—

F. S. HUBBERSTY, M.R.C.S., L.R.C.P., F.R.C.S.

Aural Specialist—

R. M. MARSHALL, M.B., Ch.B., F.R.C.S.

School Dentists—

A. G. WILDGOOSE, L.D.S. Resigned 30/9/48.

MISS M. I. MANLEY, L.D.S.

Chief Sanitary Inspector—and Inspector under Food and Drugs Acts—

H. V. ROBINSON, M.S.I.A.

Deputy Chief Sanitary Inspector—

J. C. LIGHTFOOT, M.R.S.I., M.S.I.A.

Sanitary Inspectors and Inspectors under Food and Drugs Acts—

J. F. EDWARDS, M.S.I.A.

A. J. BELL, M.S.I.A.

Student Sanitary Inspectors—

E. H. BARNETT Recommended 21/7/48 ex-Military Service.

W. T. STEVENSON

R. H. GILBERTSON

G. WHITE Military Service.

Assistant to Sanitary Inspectors—

H. HENNING Recommended 1/3/48 ex-Military Service.

Health Visitors—

*MISS A. G. TODD (Gen. & Fever Tr., Cert. Midwife, H.V. Cert).

*MISS A. S. BAGSHAW (Gen. Trained .. ,)

*MISS E. PEACOCK (, , ,)

*MISS A. FIELDS (, , ,)

*MRS. C. E. HENDERSON (, , ,)

*MISS A. STOBART (, , ,)

Appointed 12/7/48.

Home Nurses—

*MISS E. COULSON Appointed 5/7/48.

*MRS. E. COOPER Appointed 5/7/48.

*MRS. E. HUGILL Appointed 5/7/48.

*MRS. E. RICHARDSON Appointed 5/7/48. Resigned 27/8/48.

*MRS. I. HESLOP Appointed 11/10/48.

Nurse Almoner—

MRS. S. LAMBERT (Gen. Trained)

Matron, Grantully Maternity Home—

MISS M. B. PIERSON (Gen. Trained, Cert Midwife Houskeeping
Cert.)

Matron, Isolation Hosptial—

MRS. A. JONES (Gen. & Fever Trained).

Social Visitor—

MRS. E. W. HOGG.

Home Help Organiser—

MISS A. STOTT Appointed 14/6/48.

Matron, Victoria Road Day Nursery—

MRS. A. SANDERSON, S.R.N. Absent owing to ill-health.

MRS. V. RALPH, S.R.N. Appointed 1/3/48 (temporarily).

Matron, Hazelhurst Hostel—

MISS H. PICKERING.

Matron, Blakelock Children's Homes—

MISS M. F. TODD.

School Nurses—

*MISS E. WITTEN (Gen. Trained, Reg. Sick Children's Nurse).

*MISS O. MAVIN, S.R.N., R.S.C.N.

*MISS I. S. HIND, S.R.N., S.C.M.

*MISS M. VANDY, S.R.N. Resigned 24/4/48.

*MISS M. P. LOWERY, S.R.N. Appointed 26/4/48.

Duly Authorised Officers—

Lay Administrative Officer—

N. B. STEWART. Commenced 16/8/48 Resigned 29/8/48.

W. P. YUILL. Commenced 18/10/48.

Assistant Lay Administrative Officer—

W. E. SIMPSON. Commenced 23/8/48.

Clerks—

A. TRENHOLM (*Chief Clerk*) Resigned 16/10/48.C. W. SMITH (*Senior Clerk*) Commenced 6/12/48.

W. H. INGHAM Commenced 5/7/48.

W. USHER

MISS L. JARROLD (*Senior Clerk/Typist*)

MRS. C. PALMER.

MRS. M. WILSON (Infectious Diseases Hospital)

MISS M. MACKIN

MISS J. KINGSTON Commenced 23/8/48.

MISS S. MEASOR Commenced 30/8/48.

MRS. I. SWANSON.

MISS F. WHITFIELD.

MISS E. SNELLING.

MISS P. RICHARDSON.

MISS C. RANDALL. Commenced 18/8/48.

Public Analyst—(part-time)

C. J. H. STOCK, B.Sc., F.I.C.

Rodent Officer—

R. ATKINSON.

Venereal Disease Attendant—

A. ADAMSON.

Disinfectors—

T. HODGSON.

A. BOWER.

General Hospital—

Medical Superintendent and Surgeon—

A. C. AINSLEY, F.R.C.S., L.R.C.P.

Physician—

W. A. NICHOLSON, M.R.C.S., L.R.C.P.

Resident Medical Officer—

M. WEISL, M.D.(Prague).

District Medical Officers under Poor Law Acts—

R. W. HILLIS, L.R.C.P.I., & E.M., L.R.C.S.I., & L.M.

G. S. MATHER, M.B., Ch.B., D.P.H.

A. R. MUIR, M.R.C.S., L.R.C.P.

Municipal Midwives—

*MRS. B. PHILLIPS	No. 67935.
*MRS. E. GALLOWAY	No. 93510.
*MRS. M. BRAND	No. 98274.
*MRS. K. F. GALLIMORE	No. 90631.
*MRS. O. KAY	No. 67863.
*MRS. A. MYERS	No. 74779.
*MRS. W. PICKERING	No. 74763.
*MRS. L. R. WALKER	No. 104224.
*MRS. J. TURNBULL	No. 76151 (Practising under Order made by Ministry of Health Emergency Powers Defence Act, 1939).
*MRS. E. J. HARRISON	No. 107247.
*MISS I. L. ROBERTSON	No. 95014
*MISS D. BROWN	No. 117674. Appointed 21/6/48.

*Contributions to salaries from Exchequer Grants.

LEGISLATION IN FORCE.

LIST OF LOCAL ACTS, ADOPTIVE ACTS, BYELAWS AND LOCAL REGULATIONS RELATING TO PUBLIC HEALTH.

LOCAL ACTS :—

West Hartlepool Extension and Improvement Act, 1870.

West Hartlepool Corporation Act, 1931.

BYELAWS AND REGULATIONS :—

Byelaws regulating :—Sanitary Conveniences, 1909 ; Means of Escape in case of Fire, 1914 ; Offensive Trades, 1917 ; Public Abattoir, 1917 ; Employment of Children, 1920 and 1934 ; Good Rule (Nuisances), 1920 ; Tents, Vans, Sheds etc. 1921 ; Houses-let-in-lodgings, 1922 ; Maternity Homes, 1927 ; Nursing Homes, 1928 ; Fouling of Footways by Dogs, 1930 ; Noisy Organs and Musical Instruments, 1931 ; Slaughter Houses, 1931 and 1935 ; Removal of House Refuse, 1934 ; Removal of Offensive Matter, 1934 ; Litter, 1934 ; Common Lodging Houses, 1934 ; Public Abattoir Regulations, 1935.

ADOPTIVE ACTS :—

Infectious Disease (Notification) Act, 1889 ; Infectious Disease (Prevention) Act, 1890 ; Public Health Acts Amendment Act, 1890 as amended by Public Health Act, 1936 ; Notification of Births Act, 1907 ; Public Health Acts Amendment Act, 1907 as amended by the Public Health Act, 1936 ; (with the exception of Sections 17, 21, 30, 31, 32, 80, 85 and 91) ; Public Health Act, 1925—Part 2 (except Section 20) ; Health Resorts and Watering Places Act, 1921.

MATERNITY AND CHILD WELFARE REPORT.

(BY DR. J. F. FARQUHAR).

CLINICS.

The total number of children attending this year was roughly 1,000 less than last. The drop shown is in the new attenders, the young infants and the obvious effect of the decreased birth rate. However, they are attending more frequently than their predecessors, which is all to the good.

A new centre was opened at St. Matthew's, Elwick Road. The position of this is central in a residential area, and the attendance there shows how much this clinic is appreciated.

The children continue healthy and free from serious epidemics. The infant mortality this year is the lowest so far on record—forty-seven per thousand.

Behind the clinics, and less spectacular, there is a vast amount of work—visiting on the District, keeping of records, etc., done by our five Health Visitors, who deserve great thanks for their achievement. Also to the clerical and Food Office staffs our thanks are due for their share.

ANTE-NATAL CLINIC.

The outstanding feature this year was the effect of the passing of the Health Act on this clinic. The stream of women which had till then found its way to Stranton, was diverted. A trickle has begun to find its way back again ; one cannot foresee how things will eventually work out. The clinic exists for the convenience of the private doctors as well as their patients, and we can carry out examinations for them, for which they may not have the time or facilities.

There were no deformities among the women and the state of their teeth was reasonably good.

One's thanks go to the Midwives, who staff this clinic so efficiently.

DOMICILIARY MIDWIVES.

Except one, the Midwives are all trained in the administration of gas and air. They have been supplied now with the grey and light blue uniform of the National Institute of Midwives, a pleasant change from the dark navy.

Some of our Midwives have to find accommodation for themselves in lodgings. This is far from satisfactory. Is it too much to hope that one day houses in strategic positions might be earmarked for the Midwives ? A start could surely be made in the new building estates. We have lent staff to Grantully Maternity Home where the shortage is acutely felt.

CLINICS AND TREATMENT CENTRES.

The following tables show the nature of the work done at the Clinics and the conditions found :—

ANTE-NATAL AND INFANT WELFARE CENTRES.

Centre	Total No. of children attending Centre	Total attend- ances	No. of children who made first attend- ances	No. of visits made by these children	No. of children who attended in previous years	No. of visits made by these children	No. of new attenders under one year	No. of new attenders between 1—5	Ante- natal atten- ders
Mill House ..	—	694	—	—	—	—	—	—	299
Dale Street ..	846	12797	304	4441	542	8356	292	12	—
St. Luke's ..	720	11812	282	4276	438	7536	270	12	—
Oxford Street	674	12680	348	4490	326	8190	334	14	—
St. Matthew's	519	8561	257	3467	262	5094	228	29	—
Burbank St.	513	8194	271	3804	242	4390	260	11	—
Seaton Carew	138	2354	68	1049	70	1305	58	10	—
Totals ..	3410	57092	1530	21527	1880	34871	1442	88	299

METHODS OF FEEDING (FIRST ATTENDERS)

Method	ALL CENTRES		
	Regular Hours	Irregular hours	Total
Natural (Breast)	737	—	737
Artificial (various)	551	4	555
Combined (natural and artificial) ..	152	6	158
Breast feeding over 1 year of age ..	—	—	—
Children over 1 year—various diets ..	84	—	84
Totals	1524	10	1534

During the year the sales of dried milk or allied substances at the Centres amounted to £3,221 3s. 1d.

DEFECTS FOUND IN INFANTS ATTENDING CENTRES

	Dale Street	Seaton	Oxford Street	St. Matthew's	Burbank Street	St. Luke's	Total
Anaemia	2	—	—	—	—	—	2
Bronchitis	4	—	7	3	4	4	22
Circumcision	11	—	—	22	—	—	33
Conjunctivitis	3	—	3	10	1	2	19
Constipation	4	1	5	10	3	4	27
Dental Defects	3	—	—	—	—	2	5
Dermatitis	—	—	1	—	—	—	1
Diarrhoea	—	2	10	1	5	3	21
Discharging Ears	—	—	—	—	—	2	2
Discharging Eyes	—	—	—	—	2	3	5
Discharging Umbilicus	—	1	—	—	—	—	1
Disease of Tonsils and Adenoids	—	1	—	2	1	—	4
Eczema	—	—	—	6	1	—	7
Enteritis	4	—	—	2	—	—	6
Eye Defects	2	—	2	1	—	1	6
Gastro-enteritis	3	—	—	—	—	2	5
Green Stools	8	—	2	3	—	—	13
Herpes	1	—	—	—	—	—	1
Impetigo	—	—	—	3	1	—	4
Marasmus	2	—	1	—	—	—	3
Naevis	3	1	—	2	1	—	7
Nasal Catarrh	6	—	3	—	—	—	9
Otorrhoea	4	2	—	—	1	1	8
Otic Defects	7	—	—	—	—	8	15
Protruding Umbilicus	—	3	4	—	16	—	23
Phimosis	—	6	9	—	11	10	36
Rash	—	—	1	6	—	—	7
Rickets	—	—	—	1	1	2	4
Scabies	—	—	—	—	2	1	3
Septic Sores	—	—	3	—	—	—	3
Strabismus	5	2	1	3	—	3	14
Stomatitis	4	—	—	—	—	4	8
Sore Buttocks	—	2	2	1	2	5	12
Teething	2	—	—	6	—	4	12
Tongue Tie	—	—	2	—	4	3	9
Umbilical Hernia	10	1	3	2	—	8	24
Undescended Testicle	2	1	—	—	—	—	3
Urticaria	4	—	—	—	—	4	8
Vomitting	—	—	3	—	—	—	3
Whooping Cough	3	—	—	—	3	3	9
Worms	2	—	—	—	—	3	5
Other Defects	31	2	18	7	6	9	73
Totals	130	25	80	91	65	91	482

GENERAL HOSPITAL.

The following are details of the maternity cases treated in the General Hospital :—

Number of maternity beds in the institution	26
Number of maternity cases admitted during the year ..	698
Average duration of stay (days)	10
Number of cases delivered by (a) Midwives	564
(b) Doctors	76
Number of cases in which medical aid was sought by midwives in Emergency	56
Number of cases notified as puerperal pyrexia	2
Number of cases of pemphigus neonatorum	—
Number of infants not entirely breast-fed while in the institution	20
Number of cases notified as ophthalmia neonatorum	—
Number of maternal deaths	3

Causes—

1. Peritonitis, Caesarian Section and Major Contraction of Pelvis
2. (i) Retro-Peritoneal Haemorrhage, cause unknown
(ii) White leg
3. Acute Pulmonary Oedema, Chronic Myocarditis and Mitral Endocarditis

NUMBER OF INFANT DEATHS—

(a) Stillborn

Causes—

Macerated Foetus (Mother-Toxaemia of Pregnancy)	2
Macerated Foetus (Mother-Concealed Haemorrhage)	1
Prematurity (abnormal presentation)	1
Placenta Praevia	1
Twin Pregnancy, difficult labour, forceps delivery ..	1
Abnormal presentation (Transverse Lie)	1
Anencephalic, macerated foetus, breech (twin pregnancy)	1
Prematurity	3
	—

(b) Within 10 days

Causes—

Prematurity	..	..	..	..	..	..	6
Prematurity (twin pregnancies)	..	..	..	..	..	..	3
Prematurity (Atelectasis of lungs)	..	..	..	..	..	..	1
Acute Broncho-pneumonia	..	..	..	..	..	..	2
Convulsions	..	..	..	..	..	..	1
Rhesus Factor, Jaundiced at birth	..	..	..	..	..	..	1
						—	14

GRANTULLY MATERNITY HOME.

The following are details of the maternity cases treated in Grantully Maternity Home :—

Number of maternity beds in the institution	..	..	..	21
Number of maternity cases admitted during the year	..	..	..	342
Average duration of stay (days)	..	..	..	13
Number of cases delivered by (a) Midwives	..	..	..	151
(b) Doctors	..	..	..	178
Number of cases in which medical aid was sought by midwives in emergency	..	..	..	56
Number of cases notified as puerperal pyrexia	..	..	..	6
Number of cases of pemphigus neonatorum	..	..	..	—
Number of infants not entirely breast-fed while in the institution	..	..	..	37
Number of cases notified as ophthalmia neonatorum	..	..	..	—
Number of maternal deaths	..	..	..	—
Number of Infant deaths :				

(a) Stillborn

Causes—Macerated (R.H. Factor)	..	1
Breech (Ante-Partum Haemorrhage)	..	1
Prematurity	..	1
Macerated	..	2
	—	5

(b) Within 10 days

Causes—Premature—Malformation

Hare Lip, Cleft Palate	..	1
	—	1

I am indebted to the Hartlepoons Hospitals Management Committee for their co-operation in supplying the foregoing statistics relating to the General Hospital and Grantully Maternity Home.

ANTE-NATAL AND POST NATAL SCHEME

The Scheme whereby every expectant mother could receive ante-natal and post natal care from her own doctor has been continued during 1948.

The following is a brief summary of the reports received :—

	ANTE	Post
Total Reports received	324	295
Abnormalities reported :—		
General medical defects	26	25
Pelvic abnormalities	2	—
Malpresentation	2	—
Poor nutritional condition ..	1	—
Recommended for Hospital treatment	2	—
Recommended for Specialist treatment	—	—
Recommended for nursing (premature baby)	—	—
Recommended for X-ray	—	—

MIDWIFERY.

During the year the Municipal Midwives' Scheme functioned satisfactorily and the following table shows the volume of work carried out.

CASES ATTENDED DURING 1948

	AS MIDWIVES	AS MATERNITY NURSES
By Municipal Midwives ..	450	80
By Private Midwives ..	21	6
	<hr/> 471	<hr/> 86

Some of the Municipal Midwives were engaged periodically in carrying out relief duties at Grantully Maternity Home during periods of staff shortage.

MIDWIVES' ACTS, 1902-36.

CONDITIONS FOR WHICH DOCTORS WERE SUMMONED
IN AN EMERGENCY BY MIDWIVES.

PREGNANCY—				PUERPERIUM—			
Ante-partum haemorrhage		8		Rise of temperature	..	2	
Albumen in urine	..	4		Inflammation of breast	..	2	
Miscarriage	..	3		Retained membrane	..	4	
Illness of Mother	..	15		Oedema of legs & face	..	3	
Jaundice	..	1		Infected breast	..	1	
Ruptured membrane	..	2					
Varicose veins	..	5					
		—				—	
		38				12	
		—				—	
LABOUR—				INFANTS—			
Malpresentation	..	11		Discharging Eyes	..	3	
Prolonged and difficult labour		15		Feeble and Premature births		8	
Ruptured perineum	..	49		Tongue Tie	..	1	
Placenta praevia	..	1		Jaundice	..	1	
Lacerated perineum	..	28		Cyanosis	..	1	
Complicated breech	..	2		Swelling	..	1	
Uterine inertia	..	1		Inflamed Eyes	..	1	
Cardiac distress	..	1		Deformity	..	2	
		—				—	
		108				18	
		—				—	

CARE OF UNMARRIED MOTHERS.

24 Unmarried Mothers were sent to approved hostels to be cared for under arrangements made in conjunction with the Hartlepoons Moral Welfare Association, 2 of these receiving financial assistance from the Health Committee.

CARE OF CHILDREN.

The Children in the care of the Public Assistance Committee and those in the care of the Education Committee under the Children and Young Persons Act of 1936 were handed over to this Department when the Children Act came into operation on 5th July, 1948. The Blakelock Road Home for children has been administered by the Children Committee since that date.

During the year 81 cases in connection with children were dealt with. Some children were admitted to Homes under other authorities, some placed in the care of Foster Parents and a number accommodated at the Nursery attached to the General Hospital.

Up to 31st December no Children's Officer had been appointed.

HEALTH VISITING.

WORK OF THE HEALTH VISITOR.

MATERNITY AND CHILD WELFARE—

Visits to children under one year of age—	Primary visits	..	..	1642
	Secondary visits	..	..	5427
Visits to children between the ages of 1 and 5 years ..	..	..	..	9722
Visits to expectant mothers—	Primary visits	..	..	510
	Secondary visits	..	..	475
Visits to cases of ophthalmia neonatorum	Primary visits	..	..	17

TUBERCULOSIS—

Primary visits to new cases—	..	..	..	..	136
Secondary visits to —Domiciliary cases	..	..	..	..	595
Dispensary cases	..	..	..	..	1886

HEALTH WORK—

Visits to cases of pneumonia—	Primary visits	..	..	..	115
Visits to cases of puerperal fever and pyrexia—	primary visits	..	..	..	1
Visits to cases of scarlet fever	..	..	..	..	2
Visits to cases of measles	..	..	..	..	329
Visits to boarded-out children	..	..	..	..	17
Visits to cases of scabies	..	..	..	..	11
Visits to cases of impetigo	..	..	..	..	33
Visits to cases of Whooping Cough	..	..	..	..	184
Visits to cases of Chicken Pox	..	..	..	..	2
Visits re Adoptions	..	..	..	..	107
Special enquiries—Housing, Surveys, etc.	..	..	..	..	487

NURSING—

Visits to cases of pneumonia	..	..	..	..	—
Visits to cases of ophthalmia neonatorum	..	..	..	..	16
Visits to cases of puerperal fever and pyrexia	..	..	..	..	—
Visits to cases of scabies	..	..	..	..	—
Visits to cases of discharging eyes	..	..	..	..	4

CLINIC—

Sessions at—Maternity and Child Welfare Centres	..	..	..	505
Ante-Natal Clinic	..	..	..	—
Dental (Maternity and Child Welfare)	..	..	..	13
Tuberculosis Dispensary	..	..	..	193
V.D. Clinic	..	..	..	181

SCHOOL WORK—

Visits to School with School Medical Officer..	—
--	----	----	----	---

HOME NURSING.

Since the 5th July, 1948, the Council has maintained a Home Nursing Service, under the provision of Section 25 of the National Health Service Act, 1946, and the following table shows briefly the work carried out from the date of inception to the 31st December, 1948.

Number of Home Nurses	No. of cases attended	No. of visits made to cases shown in Col. 2
(1)	(2)	(3)
4	203	4811

VACCINATION.

With the introduction of the National Health Service vaccination against smallpox became no longer compulsory, and arrangements for vaccination rested with the local health authority in a similar manner to those for diphtheria immunisation.

The table below shows the number of vaccinations carried out between the 5th July, 1948, and the 31st December, 1948.

Age at 31.12.48	0-5		5-15		15 Up's.		Total	
	M	F	M	F	M	F	M	F
Primary Vaccination	30	32	—	—	—	—	30	32
Re-vaccination	—	—	—	—	5	1	5	1
Totals	30	32	—	—	5	1	35	33

DIPHTHERIA IMMUNISATION.

Immunisation against diphtheria has been well maintained during the year under review, as is shown by the figures in the following table :—

Age at 31.12.48	0—1		1—2		2—5		5—15		Total	
	M	F	M	F	M	F	M	F	M	F
No. of Children Immunised ..	1	4	215	218	323	293	717	710	1256	1225

AMBULANCE FACILITIES.

The Corporation maintains an Ambulance Service, comprising four ambulances with adequate staff in a central depot in the town for general and accident cases.

Infectious Disease cases were removed by an ambulance kept at at the Infectious Diseases Hospital prior to the 5th July, 1948. On that date, however, this ambulance was transferred to the main service.

Details of the work carried out by the Ambulance Service from the 5th July, 1948, to the 31st December, 1948, are shown in the following table :—

No. of Vehicles at 31.12.48 (1)	No. of calls (2)	No. of Patients Conveyed (3)	No. of Accident or Emergency calls included in Col. 2 (4)	Total Mileage (5)
4	3476	3696	649	18,101

HOME AND DOMESTIC HELPS.

During the year Home and Domestic Helps were engaged in 421 cases—133 during the confinement of the mother, and 288 during the illness of the mother, or member of the household.

Payment for the Home and Domestic Help service ranged from Nil to 10/- per day, in accordance with the financial circumstances of the families.

TUBERCULOSIS REPORT, 1948.

(BY DR. M. H. WATERS).

The only big change has been the introduction of Pneumoperitoneum treatment in some twenty-five cases. This was made possible by residence in Poole Sanatorium for a month, when I observed the technique entailed. It is too soon to assess the results, but some cases have certainly been much improved to date.

During the past year all the Tuberculosis Clinic case records have been scrutinised and many "old" cases have been filed. This was carried out, as it was believed that if a person did not return to the clinic within a reasonable time they must either be "recovered" or dead. The result has been a fall in the number of cases on the register.

It will be seen from a glance at the statistics that there has been a substantial increase in the number of sputum examinations carried out. This has been made possible by the excellent services of Dr. Cooke and his staff at Hartlepool's Hospital.

The notifications of cases and death rates show no marked change, except for a shift towards the older age groups (35-65 years) in notifications.

1.	Number of cases on Dispensary Register on 1st Jan. . .	524
2.	Number of cases transferred from other areas and cases returned after discharge under heading 3 in previous years	8
3.	Number of patients transferred to other areas, cases not desiring further assistance under the scheme, and cases "lost sight of"	8
4.	Cases written off during the year as dead (all causes) . .	32
5.	Number of attendances at the Dispensary (including Contacts)	1595
6.	Number of visits made by Tuberculosis Officers to homes (including personal consultations)	345
7.	Number of visits by nurses or health visitors to homes for dispensary purposes	2022
8.	Number of (a) specimens of sputum etc., examined	449
	(b) X-rays examined in connection with Dispensary work	529
9.	Number of "T.B. Plus" cases on Dispensary Register on 31st December	132

LABORATORY WORK.

SPECIMENS EXAMINED.

Sputum	—	Tuberculosis	Positive	155
			Negative	286
Swabs	—	Diphtheria	Positive	3
			Negative	83
Smears	—	V.D. Clinic		13
		Doctors' cases		3
		Hospitals		70
Urines	—			125

MENTAL HEALTH.

The Mental Health Committee is a Sub-Committee of the Health Committee and is composed of seven members and three co-opted members. The Committee meets once a month.

STAFF.

Staff employed in the Mental Health Service is as follows :— The Medical Officer of Health and two Assistant Medical Officers ; two Administrative Officers who are also Duly Authorised Officers and a temporary Duly Authorised Officer ; the Children's Officer who carries out the duties of visitor for the female cases under supervision.

Supervision of patients on licence is carried out in conjunction with Miss Crosse of Prudhoe & Monkton Hospital.

TRAINING.

One Administrative Officer attended a Course for Duly Authorised Officers at the Department of Psychological Medicine, King's College Medical School, Newcastle, under the auspices of the Regional Hospital Board.

ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY.

LUNACY & MENTAL TREATMENT ACTS, 1890-1930. (PERIOD FROM 5TH JULY TO 31ST DECEMBER, 1948).

Details of actual admissions to Mental Hospitals are given here-under. There were other cases "investigated" which are not reported. The condition of the person either did not justify action under the above Acts or else the person improved when under observation in the General Hospital and was discharged.

WINTERTON MENTAL HOSPITAL, SEDGEFIELD.

Two men and three women were certified and transferred to the above hospital.

Three women were admitted as temporary patients.

Four men and two women were admitted as voluntary patients.

ST. MARY'S HOSPITAL, STANNINGTON.

Two women were certified and admitted to the above hospital.

One woman was admitted as a voluntary patient and later certified.

ST. LUKE'S HOSPITAL, MIDDLESBROUGH.

One man was certified and admitted to the above hospital.

One woman was admitted as a voluntary patient.

THE GENERAL HOSPITAL, WEST HARTLEPOOL.

Five men were certified and detained in the above hospital.

MENTAL DEFICIENCY ACTS, 1913-1938.

PERIOD FROM 1ST JANUARY TO 31ST DECEMBER, 1948.

ASCERTAINMENT.

- (a) Reported by Local Education Authority under Section 57(3) of the Education Act, 1944

1 male

4 females

- (b) Other cases reported during 1948

1 male

1 female

- (c) Number of defectives awaiting vacancies in Institutions at the end of the year

5 males

4 females.

GUARDIANSHIP AND SUPERVISION.

- (a) There are no defectives under Guardianship for whom the Authority is responsible.

- (b) Number of defectives under supervision.

21 males

35 females.

TRAINING.

The establishment of a Training Centre for Mental Defectives has been the desire of the Committee for some time. It has been decided that as soon as a suitable property becomes available the necessary steps will be taken to establish a Centre of this kind.

NATIONAL ASSISTANCE ACT, 1948
PERIOD FROM 5TH JULY TO 31ST DECEMBER, 1948.

The number of persons in residential accommodation under Part III of the National Assistance Act on 31st December was as follows :—

(a) HOWBECK HOSTEL

70 males	15 females	8 children
----------	------------	------------

(b) HAZELHURST HOSTEL

14 females

SECTION 47 OF THE NATIONAL ASSISTANCE ACT, 1948.

No action was taken by the Authority under this Section.

VENEREAL DISEASES.

(DR. S. HYMAN).

Examination of the returns for the year ending December, 1948, shows no very marked changes over those for the year ending December, 1947 with regard to the number of new cases seen, though there is a significant increase in the number of males who report for non-venereal conditions, advice and reassurance. Coincident with this, but not immediately seen in the returns, is the fact that cases of disease report much earlier than formerly, and thus ensure greater probability of cure. Much of the beneficial effect of this state of affairs is directly attributable to the health education campaign against venereal disease.

Efforts are made in all new cases to trace the source of infection, and contacts who may have become innocently infected. The former task is often rendered difficult by the fact that the infected persons are often deeply under the influence of alcohol when they contract disease and have little recollection of what transpired or where. In this connection, the names of certain local hostelrys occur with frequency, and it is suggested that more stringent supervision of these premises might result in the elimination of many sources of infection.

Innocent infection as between husband and wife, or vice versa, forms not the least part of the tragedy that may be associated with venereal disease. Early diagnosis and treatment help considerably to allay and eliminate this trouble. The routine blood-testing of females in early pregnancy has not been without success in finding latent disease, and the consequent treatment, when undertaken at an early date, has resulted in live healthy children.

A significant decrease in the number of females reporting for treatment for Gonorrhoea for the first time, without any associated increase in the number of males, is a healthy sign; though in a seaport town, where much of the infection is exotic, constant vigilance is required to keep venereal disease rates low.

Efforts to have the clinic microscope repaired for use as a dark ground instrument, necessary for the early diagnosis of Syphilis, have failed. It is strongly recommended that a suitable instrument be obtained without delay.

Record must be made of the efficient work and attention to duty of the two Nurses and male orderly at the clinic.

RETURN RELATING TO ALL PERSONS WHO WERE TREATED
AT THE TREATMENT CENTRE AT WEST HARTLEPOOL DURING
YEAR ENDED 31st DECEMBER, 1948.

[illegible]

RETURN RELATING TO ALL PERSONS WHO WERE TREATED
AT THE TREATMENT CENTRE AT WEST HARTLEPOOL DURING
YEAR ENDED 31ST DECEMBER, 1948.

	Syphilis		Soft Chancre		Gonorrh'a		Non-Ven'l. or un-diag- nosed Condts.		TOTAL		
	M	F	M	F	M	F	M	F	M	F	T'tl.
(b) Number of cases under treatment or observation which died :—											
From the disease	—	—	—	—	—	—	—	—	—	—	—
From treatment	—	—	—	—	—	—	—	—	—	—	—
From other causes	—	—	—	—	—	—	—	—	—	—	—
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure	2	3	—	—	4	3	—	—	6	6	12
8. Number of cases transferred to other Centres, or to Institutions, or to the care of private practitioners	42	5	—	—	65	2	7	—	114	7	121
9. Number of cases remaining under treatment or observation on 31st December ...	75	63	—	—	26	4	6	—	107	67	174
TOTALS OF ITEMS 5, 6, 7, 8 & 9..	142	77	5	—	170	29	96	17	413	123	536
10. Number of cases in the following stages of syphilis INCLUDED IN ITEM 6 which failed to complete one course of treatment of either penicillin or of arsenic and bismuth :—											
Syphilis, primary	—	—	—	—	—	—	—	—	—	—	—
„ secondary	—	—	—	—	—	—	—	—	—	—	—
„ latent in 1st year of infection	—	—	—	—	—	—	—	—	—	—	—
„ all later stages	—	—	—	—	—	—	—	—	—	—	—
„ congenital	—	—	—	—	—	—	—	—	—	—	—
11. Number of attendances :—											
(a) for individual attention of the medical officer(s)	1309	875	1	—	695	145	184	36	2189	1056	3245
(b) for intermediate treatment e.g. irrigation, dressing.. .. .	—	—	—	—	44	—	—	—	44	—	44
TOTAL ATTENDANCES ..	1309	875	1	—	739	145	184	36	2233	1056	3289

	Syphilis		Soft Chancre		Gonorrh'a		Non-Ven'l. or un-diag- nosed Condts.		TOTAL		
	M	F	M	F	M	F	M	F	M	F	T'tl.
12. IN-PATIENTS											
Name of Institution (if other than the Treatment Centre)											
—GENERAL HOSPITAL											
(a) Total number of persons admitted for treatment during the year ..	2	—	—	—	1	—	2	—	5	—	5
(b) Aggregate number of "in-patient" days of treatment given ..			Average length of stay—8 days								
							Other Disease				
							M	F			
13. Number of cases treated with penicillin	55	34	—	—	79	68	—	—	134	102	236

	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		Totals	
	M	F	M	F	M	F	M	F	M	F
	—	—	—	—	—	—	—	—	—	—
14. Number of cases of congenital syphilis in Item 3 above clas- sified according to age period										

	Microscopical		Cultural for Gon'oea	Serum		Cerebro- spinal fluid	Others for Diagnosis of Venereal Disease
	For Syphilis	For Gon'oea		For Syphilis	For Gon'oea		
Pathological Work :—							
(a) Number of SPECIMENS ex- amined at, and by the med- ical officer of the treatment Centre	10	214	—	—	—	—	—
(b) Number of Specimens from patients attending at the Treatment Centre for examination to an AP- PROVED laboratory ..	—	—	—	69		15 male 10 f'm'le	—

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING
THE YEAR CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings	West H'pool.	Durham County	Merchant Navy	Latvia	Sweden	Finland	Estonia	Bradford	Argentina	Darlington	Royal Navy	Scarborough	Whitby	South Bank	Middlesbrough	Stockton	N. Ireland	S. Shields	Germany	Ind. Merchant Navy	Denmark	Poland	Hendon-L'dn.	Carlton-Yorkshire	Edinburgh	Greece	Norway	TOTAL
A. Number of cases from each area included under the following headings in Item 3 :—																												
Syphilis.. ..	31	10	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	46
Soft Chancre	2	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
Gonorrhoea	55	20	27	2	3	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	109
Non-Venereal and undiagnosed conditions	62	24	12	2	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	102
TOTALS	150	55	42	6	4	2	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	262
B. Total number of attendances of all patients residing in each area	2289	761	91	43	7	19	2	2	6	7	3	6	2	2	5	10	8	21	1	2	7	2	3	5	1	2	1	3289

MR. HAROLD V. ROBINSON, CHIEF SANITARY INSPECTOR,
submits the following report :—

HOUSING.

The year just ended has been one of continued difficulty in matters connected with housing, although the supply of materials and labour has much improved.

The high cost of repairs, and restricted rents, have made it uneconomic to recondition the so called investment type of property. Especially is this so in the case of houses in the proposed re-development areas of the Town, and the most we can do is to endeavour to maintain these houses in occupation on the principle that a bad house is better than none. This, however, can only be a short term policy, until such time as new houses are built.

The building of houses for the tenants displaced from re-development areas may not wholly solve the problem of alternative accommodation, as many of the tenants will not be able to pay the rents of Council Houses, with the result that other means of rehousing these tenants may have to be considered, such, for example, as the purchase of existing artisan dwellings of good type to provide rehousing accommodation.

MANUFACTURE AND SALE OF ICE CREAM.

With the coming into operation of the Ice Cream (Heat Treatment) Regulations, much time has been spent by the staff in visiting local factories making ice cream and in taking samples to test the efficiency of the plants. To comply with the Heat Treatment Regulations has meant the provision of new plants and most of the local manufacturers have had to find larger premises to house the machinery and the opportunity has been taken to adapt the premises on more hygienic lines than hitherto. Steps have also been taken to require street barrows to be protected against the elements and dust contamination, and also to carry some simple means of hand washing for the use of the attendants.

We have now gone a long way from the time when ice cream could be made in any back yard in slum property, with its attendant risk of contamination, but even with modern plant, the risk is not entirely eliminated unless the plant is properly sterilised daily and the attendants follow a hygienic code of practice. To this end the number of samples taken for bacteriological test have been considerably increased and the manufacturer is kept informed of the result of the tests.

FOOD PREMISES.

The aftermath of the War has seen an increase in the number of canteens, snack bars and small cafes. In the larger cafes, we insist upon sanitary conveniences and wash hand facilities being provided for customers, but in the smaller places, this is not always possible, but in all cases we require provision of hot and cold water hand washing facilities for use of the staff handling food, and this is a requirement of the law since the passing of the Food and Drugs Act, 1938.

Requests to food traders to provide instantaneous water heaters together with hand basins, now that suitable equipment is available, have met with a ready response. Unfortunately nothing can be done in this respect to street traders as the requirements only applies to a room or store.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

The water supply to the area is in the hands of a private Company, who derive the supply from deep wells. The water is not treated or filtered except that the water is chlorinated.

The supply is abundant for present needs and of satisfactory quality, although very hard.

Every house has a piped supply, direct from the main, but in many of the older houses, the water tap is placed in the open yard.

Five samples have been taken for chemical, microscopical and bacteriological examination, and seven samples for chemical examination. All samples have proved to be satisfactory.

The following is a typical analysis of the local supply :—

	PARTS PER 100,000			
Chlorine as Chlorides	13·0000
Nitrogen as Nitrates	·1646
Ammonia	·0039
Albuminoid Ammonia	·0019
Oxygen Absorption	·0033
Injurious Metals	None
Total solid matter dried at 100°C.	85·0000
pH value of Sample	—————
Temporary Hardness	..	27·6	Degrees	
Permanent Hardness	..	19·8	Degrees	
—————				
Colour of sample on Hazen Scale	2
Appearance of Sample in 2 foot tube	Not quite bright.
Odour when heated to 50°C.	None.
—————				

MICROSCOPICAL EXAMINATION.

Satisfactory.

BACTERIOLOGICAL EXAMINATION.

Number of colonies on Nutrient Agar	
@ 37°C. after 72 hours	0 per ml.
Number of colonies on Nutrient Agar	
@ 20-22°C. after 72 hours ..	0 per ml.
Presumptive B. Coli Test at 37°C. after	
72 hours	Negative in 100 ml.
Clostridium Welchii Test @ 45°C. in	
40 ml.	Negative
—————	

OBSERVATIONS.

The sample is of a high order of purity, judged both by the results of the chemical analysis and the bacteriological tests, and the microscopical examination shows that it is free from any objectionable matter derived from the surface, consequently it is of good and wholesome quality for human consumption.

HOUSING.

The number of inhabited houses in the Borough at the end of 1948 was 19,721, with a population of 71,500. This gives a figure of 3·6 persons per house.

During 1948, 90 houses were built by private enterprise and 345 houses were built by the Corporation.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR :—

(1) (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	1479
(b)	Number of inspections made for the purpose ..	7744
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	88
(b)	Number of inspections made for the purpose ..	440
(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	52
(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	1220

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :—

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	944
---	-----

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR :—

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936—

(1)	Number of dwelling houses in respect of which notices were served requiring repairs	36
(2)	Number of dwelling houses which were rendered fit after service of formal notices :—	
(a)	By Owners	32
(b)	By local authority in default of owners	4

B. Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	240
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By Owners	189
(b) By local authority in default of owners	51

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936—

(1) Number of dwelling houses in respect of which Demolition Orders were made	8
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	2

D. Proceedings under Section 12 of the Housing Act, 1936—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	12
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	2

4. HOUSING ACT, 1936, PART IV, OVERCROWDING :—

(a) (i) Number of dwellings overcrowded at the end of the year	613
(ii) Number of families dwelling therein ..	691
(iii) Number of persons dwelling therein ..	4198
(b) Number of new cases of overcrowding reported during the year	65
(c) (i) Number of cases of overcrowding relieved during the year	205
(ii) Number of persons concerned in such cases	1344
(d) Cases in which dwelling houses have again become overcrowded after the Local Authority taken steps for the abatement of overcrowding..	—

RATS AND MICE (DESTRUCTION) ACT, 1919.

INFESTATION ORDER S.R. & O. No. 680.

The Corporation employ one full-time Rodent Operator to deal with cases notified by the public, and to make inspections to find cases not so notified.

The procedure adopted with regard to baiting and poisons used is that laid down by the Ministry of Food.

During the year 731 visits have been made to lay pre-baits and 236 visits to lay poison baits.

The Borough Engineer's staff have also laid poison baits in the sewers at manhole points.

The cost of rat extermination in private houses is borne equally by the Ministry of Agriculture and the Local Authority. The cost of rat extermination in business premises is the liability of the occupier.

SANITARY INSPECTION OF THE DISTRICT.

Inspections were made as follows :—

5643 Visits under the Public Health Acts.

2101 Visits under the Housing Acts.

249 Visits under the Factories Acts.

383 Visits under the Food & Drugs Acts.

162 Visits under the Milk & Dairies Regulations.

139 Visits to fish, fruit and meatshops (unregistered premises),

666 Visits to the Abattoir.

23 Visits to Places of Entertainment.

21 Visits to Offensive Trades.

40 Visits to Common lodging houses.

1 Visit to House-let-in-lodgings.

148 Visits to Cases of infectious diseases.

151 Visits to Homes of mental defectives.

109 Visits to Sheds and Caravans.

1595 Complaints attended to.

4 Drains examined.

31 Drains tested.

319 Complaints re Rats attended to.

731 Visits re Rats to lay pre-baits.

236 Visits re Rats to lay poison baits.

706 Visits re Rats other than above.

1243 Intimation notices served.

276 Statutory notices served.

SANITARY DEFECTS DISCOVERED AND DEALT WITH BY THE SERVICE OF
INFORMAL OR STATUTORY NOTICES :—

Defective drains	11
Stopped drains and water closets	131
Defective yard pavements	49
Defective spouts and fallpipes	419
Defective roofs	419
Defective brickwork	207
Damp walls	52
Defective floors	152
Defective ceiling and wallplaster	156
Defective water closets	202
Defective rainwater pumps, wells, etc.	128
Defective water taps, pipes, etc.	77
No water supply provided	11
Overflowing cesspools	2
New dustbins required	311
Defective or absent ashcloset doors	25
Offensive accumulations of manure and refuse	3
No washing facilities	13
Dirty dwellings	5
Factories not kept in clean condition	12
Removal of living vans	3
Keeping of rabbits and pigeons	2
Other nuisances and defects	558
	<hr/>
	2636
	<hr/>

COMMON LODGING HOUSES.

SITUATION	Registered Number of Lodgers	Number of Rooms
18 Rokeby Street	16	7
2 Edward Street	15	4
26 George Street	11	4
Totals	42	15

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS
OR REGULATIONS.

							Number
Marine Stores	..	..	..	..	..	..	6
Gut Scrapers	..	..	..	..	..	..	1
Tripe Boilers	..	..	..	..	..	..	3
Tallow Melters	..	..	..	..	..	..	1
Bone Boilers	..	..	..	..	..	..	1
Common Lodging Houses			..	..	..	..	3
Registered Houses-let-in-lodgings			..	..	..	..	10
Cowsheds and Retail Purveyors of Milk					..	..	40
Shops registered for sale of bottled milk					..	..	15
Slaughter House		..	..	..	..	..	1

REGISTERED PREMISES USED IN CONNECTION WITH THE
MANUFACTURE OF ICE-CREAM AND FOOD.

							Number of premises
Ice-cream	..	..	..	..	..	..	120
Cooked Meats, etc.			..	..	..	..	97
Cooked fish		..	..	..	..	..	62

MILK AND DAIRIES ACTS AND ORDERS.
MILK (SPECIAL DESIGNATION) ORDERS, 1936 and 1938.

No. of samples taken for examination				Source	Result	Action taken
For presence of tubercle bacilli	For Methylene Blue Test	For Coli-form Test	For Phosphatase Test			
7	—	—	—	Local Supply	2 Positive	Responsible authority notified.
48	—	—	—	Supply from outside borough	5 Negative 46 Negative 2 Positive	Nil. Nil. Responsible authority notified.
—	26	—	—	Local supply	22 Satisfactory 4 unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	81	—	—	Supply from outside borough	60 satisfactory 21 unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	—	13	—	Local supply	11 satisfactory 3 unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	—	48	—	Supply from outside borough	36 satisfactory 12 unsatisfactory	Nil. Farmers' attention drawn to unsatisfactory reports.
—	—	—	13	Local supply	13 satisfactory	Nil.
—	—	—	29	Supply from outside borough	29 satisfactory	Nil.

DISINFECTION.

NUMBER OF PREMISES SPRAYED AND FUMIGATED :

Tuberculosis	..	..	92 rooms	87 houses
Vermin	..	..	57 rooms	24 houses
Fever	..	..	111 rooms	110 houses
Cancer	..	..	17 rooms	14 houses
Institutions	..	..	5 rooms	1 institution
Other	..	..	4 rooms	4 houses

NUMBER OF ARTICLES DISINFECTED BY STEAM :

Beds, bed covers and mattresses	33
Pillows, pillow cases and bolsters	57
Sheets, blankets and quilts	.. 99
Articles of Clothing	.. 32
Sundry articles	.. 5

NUMBER OF ARTICLES DESTROYED WITH CONSENT OF OWNER .. 105

APPENDICES 1 to 14.

BIRTHS, DEATHS, AND INFANTILE MORTALITY.

APPENDIX 1. BIRTHS.

	West H'pool.	WARDS								Transfers	
		North	West	Park	S.W.	S.E.	Cent'l.	N.E.	Seaton	IN	OUT
No. of Births	1639	289	124	132	261	170	216	181	244	90	68
Percentage of total births	..	17·6	7·6	8·1	15·9	10·4	13·2	11·0	14·9	5·5	4·2

BIRTH RATES.

YEAR	WEST HARTLEPOOL		ENGALND & WALES BIRTH RATE
	No. of Births	Birth Rate	
1948	1,639	22·92	17·9

NATURAL INCREASE OF POPULATION.

The natural increase of population was 802.

Rate of natural increase per 1,000 population 11·2.

APPENDIX 2.—THE DEATHS AS THEY OCCURRED IN THE WARDS.

CAUSE OF DEATH	Total Deaths	WARDS								Trans-ferable deaths
		North	West	Park	So. West	So. East	Central	N. East	Seaton	
Enteric Fever	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal fever ..	2	—	—	—	—	—	—	—	—	2
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Whooping Cough	1	—	—	1	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—
Tuberculosis (Respiratory)	42	7	3	2	9	2	4	10	5	—
Other Tuberculosis Diseases	12	3	1	1	1	—	1	2	2	1
Syphilitic Diseases ..	5	2	—	1	—	—	1	1	—	—
Influenza	—	—	—	—	—	—	—	—	—	—
Measles	1	—	—	—	—	—	—	1	—	—
Encephalitis Lethargica ..	2	—	—	—	—	—	—	2	—	—
Polioencephaltis	—	—	—	—	—	—	—	—	—	—
Cancer	146	22	11	14	21	12	18	15	22	11
Diabetes	5	1	1	—	1	1	—	1	—	—
Heart Disease	234	47	25	33	28	15	21	20	34	11
Other Diseases of the Circu- latory System	18	1	2	2	2	—	4	2	5	—
Bronchitis	38	6	3	6	7	—	2	4	9	1
Pneumonia	45	12	4	1	1	7	6	4	7	3
Other respiratory Diseases	18	1	2	1	1	4	2	1	4	2
Ulcer of the stomach and duodenum	11	1	1	—	3	1	—	—	1	4
Diarrhoea (under 2 yrs.)	11	1	1	—	1	3	3	—	1	1
Appendicitis	1	—	—	—	—	—	1	—	—	—
Other digestive Diseases	19	2	4	4	2	1	1	1	1	3
Nephritis	19	1	1	5	2	1	3	1	2	3
Puerperal Sepsis	1	—	—	—	1	—	—	—	—	—
Other Maternal causes ..	1	—	—	—	1	—	—	—	—	—
Congenital Debility and Premature Births ..	36	2	4	1	3	5	4	5	3	9
Suicide	2	1	—	—	1	—	—	—	—	—
Other violent causes (Including Road Traffic accidents)	37	3	6	2	3	4	3	5	5	6
All other causes	130	21	18	21	10	6	12	15	19	8
TOTAL DEATHS ..	837	134	87	95	98	62	86	90	120	65

APPENDIX 3—TABLE SHOWING CAUSES OF, AND AGES AT DEATH.

Cause of Death	All ages	Age Groups									Deaths in Institutions	Increase or Decrease with 1947
		Under 1	1—2	2—5	5—15	15—25	25—45	45—65	65—75	75 and up		
Enteric Fever ..	—	—	—	—	—	—	—	—	—	—	—	Same
Cerebro-spinal Fever ..	2	—	—	1	1	—	—	—	—	—	2	+ 2
Scarlet Fever ..	—	—	—	—	—	—	—	—	—	—	—	— 1
Whooping Cough ..	1	1	—	—	—	—	—	—	—	—	1	— 1
Diphtheria ..	—	—	—	—	—	—	—	—	—	—	—	— 1
Tuberculosis (Respiratory) ..	42	—	—	—	—	16	16	9	1	—	18	— 3
Other Tuberculosis Diseases ..	12	2	—	1	2	2	2	2	—	1	5	+ 2
Syphilitic Diseases ..	5	1	—	—	—	—	—	3	1	—	2	+ 3
Influenza ..	—	—	—	—	—	—	—	—	—	—	—	— 5
Measles ..	1	1	—	—	—	—	—	—	—	—	—	Same
Encephalitis Lethargica ..	2	—	—	—	—	1	1	—	—	—	2	+ 2
Polioencephalitis ..	—	—	—	—	—	—	—	—	—	—	—	— 2
Cancer ..	146	—	—	—	—	—	9	57	48	32	53	+ 9
Diabetes ..	5	—	—	—	—	—	1	2	1	1	3	— 1
Heart Disease ..	234	—	—	—	—	2	7	59	65	101	67	—34
Other Diseases of the Circulatory System ..	18	—	—	—	—	—	2	2	7	7	12	Same
Bronchitis ..	38	3	—	—	—	—	—	10	16	9	10	—46
Pneumonia ..	45	18	3	1	—	2	1	8	6	6	22	+ 6
Other Respiratory Diseases ..	18	—	—	—	—	—	1	9	5	3	8	+ 11
Ulcer of the stomach and duodenum ..	11	—	—	—	—	1	1	5	1	3	9	+ 3
Diarrhoea (under 2 yrs.) ..	11	10	1	—	—	—	—	—	—	—	6	—7
Appendicitis ..	1	—	—	—	1	—	—	—	—	—	1	— 3
Other digestive Diseases ..	19	1	—	1	—	—	1	5	5	6	16	Same
Nephritis ..	19	—	—	—	—	2	—	7	5	5	8	— 1
Puerperal Sepsis ..	1	—	—	—	—	—	1	—	—	—	—	+ 1
Other Maternal Causes ..	1	—	—	—	—	1	—	—	—	—	1	Same
Congenital Debility and Premature Birth ..	36	31	—	—	2	—	2	1	—	—	29	—20
Suicide ..	2	—	—	—	—	—	1	1	—	—	1	— 3
Other violent causes (including Road Traffic Accidents) ..	37	2	—	3	2	3	2	9	5	11	20	+ 5
All other causes ..	130	7	—	—	2	3	6	33	36	43	54	—36
TOTALS ..	837	77	4	7	10	33	54	222	202	228	350	—120

APPENDIX 4. WEEKLY RETURN OF DEATHS FROM CHEST DISEASES.

Disease	3rd Jan.	10th Jan.	17th Jan.	24th Jan.	31st Jan.	7th Feb.	14th Feb.	21st Feb.	28th Feb.	6th Mar.	13th Mar.	20th Mar.	27th Mar.	3rd Apl.	10th Apl.	17th Apl.	24th Apl.	1st May	8th May	15th May	22nd May	29th May
Phthisis	1	1	2	2	1	1	1	—	—	2	1	—	1	—	—	—	1	—	1	1	—	—
Bronchitis	3	3	1	3	3	—	1	1	1	1	—	—	—	3	1	1	3	—	1	—	—	1
Pneumonia	—	1	2	—	1	1	2	—	—	—	—	1	1	—	3	—	—	—	—	—	1	2
Heart Disease ..	3	8	7	7	6	4	3	2	9	6	5	4	5	8	6	5	3	4	9	3	5	3
Other Respiratory Disease ..	1	—	2	1	—	—	—	1	1	—	—	1	2	—	—	—	—	1	—	—	—	—
TOTALS	8	13	14	13	11	6	7	4	11	9	6	6	9	11	10	6	7	5	11	4	6	6

Disease	5th June	12th June	19th June	26th June	3rd July	10th July	17th July	24th July	31st July	7th Aug.	14th Aug.	21st Aug.	28th Aug.	4th Sept.	11th Sept.	18th Sept.	25th Sept.	2nd Oct.	9th Oct.	16th Oct.	23rd Oct.	30th Oct.
Phthisis	—	1	1	1	1	—	—	—	1	—	—	4	1	1	1	—	—	—	—	—	1	1
Bronchitis	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—
Pneumonia	1	—	1	—	1	—	1	—	—	—	2	—	—	—	1	2	—	—	1	2	—	2
Heart Disease ..	5	3	3	1	4	5	3	4	3	5	4	2	5	2	2	5	3	1	3	4	3	1
Other Respiratory Disease ..	—	—	—	—	—	1	1	—	—	—	1	—	—	1	—	—	—	—	—	—	—	1
TOTALS	7	4	5	2	6	6	6	4	4	5	7	6	6	4	4	7	3	1	5	6	5	5

Disease	6th Nov.	13th Nov.	20th Nov.	27th Nov.	4th Dec.	11th Dec.	18th Dec.	25th Dec.	26th/31st Dec.	Total
Phthisis	—	1	1	—	1	2	2	1	4	42
Bronchitis	—	—	—	3	2	—	1	1	—	38
Pneumonia	1	3	2	1	1	2	2	4	—	45
Heart Disease ..	6	5	6	5	4	3	4	9	6	234
Other Respiratory Disease	—	—	1	—	—	—	1	—	1	18
TOTALS	7	9	10	9	8	7	10	15	11	377

APPENDIX 5. DEATHS.

	West Hartle- pool	N.	W.	P.	S.W.	S.E.	C.	N.E.	S.	Trans- ferable Deaths
No. of deaths	837	134	87	95	98	62	86	90	120	65
Percentage of Total Deaths		16·0	10·4	11·4	11·7	7·4	10·3	10·7	14·3	7·8

APPENDIX 6. TRANSFERABLE DEATHS.

DEATHS OCCURRING IN :—						MALES	FEMALES	TOTAL
Hartlepoons Hospital, Hartlepool	..	..				18	15	33
Royal Victoria Infirmary, Newcastle-on-Tyne						4	1	5
Newcastle Gen. Hospital, Newcastle-on-Tyne						2	3	5
St. Mary's Hospital, Stanrington	..	..				—	2	2
Gateshead Mental Hospital, Stannington	..					1	—	1
Emergency Hospital, Shotley Bridge	..					1	—	1
Other Hospitals	..	..	..	..	..	1	2	3
Other Areas	..	..	..	..	..	10	5	15
Totals						37	28	65

APPENDIX 7. DEATH RATES.

YEAR	WEST HARTLEPOOL		ENGLAND & WALES
	No. of Deaths	Death Rate	
1948	837	11·71	10·8

APPENDIX 8. CANCER DEATHS.

Year	No. of Cancer Deaths	Males	Females	Death Rate	Deaths from all causes	Percentage of total deaths
1948	146	71	75	2·04	837	17·44

APPENDIX 9.

CANCER DEATHS—PART OF BODY AFFECTED.

Parts affected	Age Sex	Under 35		35 to 45		45 to 55		55 to 65		65 to 75		Over 75		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Peritoneum, Intestine and Rectum ..		—	—	—	—	3	4	—	3	10	6	6	7	19	20
Stomach, Liver etc. ..		—	—	1	—	2	1	9	5	10	6	2	9	24	21
Reproductive Organs		—	1	—	2	—	5	—	4	—	2	—	2	—	16
Breast		—	—	—	2	—	1	—	2	—	1	—	1	—	7
Other Glands		—	—	—	1	2	—	—	—	—	2	1	1	3	4
Respiratory System ..		—	—	1	—	4	—	4	1	4	3	—	—	13	4
Mouth		—	—	—	—	—	—	2	—	2	—	—	1	4	1
Other Parts		—	—	—	1	—	—	5	—	2	—	1	1	8	2
Totals ..		—	1	2	6	11	11	20	15	28	20	10	22	71	75

The deaths were ascribed to :—

No. of deaths

Carcinoma	117
Sarcoma	3
Epithelioma	2
Cancer (No classification) ..	24

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APPENDIX 10. INFANTILE MORTALITY RATE.

Year	West Hartlepool			England & Wales Rate
	Births	Deaths	Rate	
1948	1639	77	47	34

APPENDIX 11.

INFANT MORTALITY IN THE WARDS.

CAUSE OF DEATH			North	West	Park	So. West	So. East	Central	N. East	Seaton	Transferable	Total
Whooping Cough .. ..	..	..	—	—	1	—	—	—	—	—	—	1
Syphilitic Disease .. ..	..	..	1	—	—	—	—	—	—	—	—	1
Measles .. ..	..	..	—	—	—	—	—	—	1	—	—	1
Bronchitis .. ..	..	..	—	—	—	1	—	—	1	1	—	3
Pneumonia .. ..	..	..	4	1	—	—	4	4	1	2	2	18
Congenital Debility .. ..	..	..	—	—	—	—	—	—	—	—	1	1
Congenital Heart Disease .. ..	..	..	—	—	—	—	—	—	—	—	1	1
Premature Birth .. ..	..	..	—	2	—	1	2	1	1	2	2	11
Diarrhoea .. ..	..	..	1	1	—	1	2	3	—	1	1	10
Convulsions .. ..	..	..	—	—	—	—	—	—	1	1	—	2
Marasmus .. ..	..	..	—	—	—	—	1	—	1	—	1	3
Atelectasis .. ..	..	..	—	—	—	1	—	—	—	—	1	2
Spina Bifida .. ..	..	..	—	—	—	—	—	1	—	—	1	2
Accidents .. ..	..	..	—	—	—	—	1	—	—	1	—	2
All other causes .. ..	..	..	6	2	1	1	—	2	4	1	2	19
Totals .. ..	..	..	12	6	2	5	10	11	10	9	12	77

APPENDIX 12.

INFANT MORTALITY DURING THE YEAR.

Deaths from stated causes at various ages under 1 year of age.

CAUSE OF DEATH	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1 month & under 3 months	3—6 months	6—9 months	9—12 months	Total deaths under 1 year	Deaths in Inst- itutions
Whooping Cough	—	—	—	—	—	—	—	—	1	1	1
Syphilitic Disease	—	—	—	—	—	1	—	—	—	1	1
Measles	—	—	—	—	—	—	—	—	1	1	—
Bronchitis	—	—	—	—	—	1	1	—	1	3	—
Pneumonia	—	—	—	—	—	5	7	4	2	18	12
Congenital Heart Disease	—	—	—	—	—	—	—	1	—	1	1
Congenital Debility	1	—	—	—	1	—	—	—	—	1	—
Premature Birth	9	1	—	—	10	1	—	—	—	11	10
Diarrhoea	—	—	—	2	2	4	2	1	1	10	5
Convulsions	—	—	1	—	1	1	—	—	—	2	—
Marasmus	—	—	—	—	—	2	1	—	—	3	2
Atelectasis	2	—	—	—	2	—	—	—	—	2	2
Spina Bifida	—	—	1	—	1	1	—	—	—	2	2
Accidents	—	—	—	—	—	1	—	—	1	2	1
All other causes	8	1	1	—	10	3	3	—	3	19	18
Total all causes	20	2	3	2	27	20	14	6	10	77	55
Certified	20	2	3	2	27	19	14	6	10	76	55
Uncertified	—	—	—	—	—	1	—	—	—	1	—

APPENDIX 13.

BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY
1948.

	England & Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns estimated resident popula- tion 25,000 to 50,000 Census 1931	London Administrative County	West Hartlepool
TE PER 1,000 OTAL POPULATION					
ve Births	17·9	20·0	19·2	20·1	22·92
ll Births	0·42	0·52	0·43	0·39	0·41
ANNUAL DEATH RATE R 1,000 TOTAL UPULATION					
al Causes	10·8	11·6	10·7	11·6	11·71
typhoid and Paratyphoid ..	0·00	0·00	0·00	0·00	0·00
hooping Cough ..	0·02	0·02	0·02	0·01	0·01
iphtheria	0·00	0·00	0·00	0·01	0·00
berculosis	0·51	0·59	0·46	0·63	0·76
eluenza	0·03	0·03	0·04	0·02	0·00
ute Poliomyelitis and Polioencephalitis	0·01	0·01	0·01	0·00	0·00
neumonia	0·41	0·38	0·36	0·54	0·63
ATE PER 1,000 VE BIRTHS					
arrhoea and Enteritis (under 2 years of age)	3·3	4·5	2·1	2·4	7·06
tal deaths under 1 year of age ..	34	39	32	31	47

APPENDIX 14.

TABLE SHOWING BIRTHS, DEATHS, INFANTILE MORTALITY
AND INFECTIOUS DISEASE IN THE WARDS.

WARDS	BIRTHS		DEATHS		INFANTILE MORTALITY		INFECTIOUS DISEASE	
	No.	Rate per 1,000 total population	No.	Rate per 1,000 total population	No. of deaths	Rate per 1,000 total live births	No. of cases	Percentage of total
North ..	289	4.04	134	1.87	12	7.3	155	18.9
West ..	124	1.73	87	1.22	6	3.7	68	8.3
Park ..	132	1.85	95	1.33	2	1.2	76	9.3
South West ..	261	3.65	98	1.37	5	3.1	87	10.6
South East ..	170	2.38	62	0.87	10	6.1	73	8.9
Central ..	216	3.02	86	1.20	11	6.7	75	9.1
North East ..	181	2.53	90	1.26	10	6.1	116	14.1
Seaton ..	244	3.41	120	1.68	9	5.5	171	20.8

APPENDICES 15 to 17.

PUBLIC ABATTOIR FOOD AND DRUGS.

APPENDIX 15. PUBLIC ABATTOIR.

Animals Slaughtered at Abattoir.

YEAR	BEASTS	SHEEP	CALVES	PIGS	TOTAL
1939	4729	11846	833	7686	25094
1940	3891	18953	185	4216	27245
1941	2315	12857	179	1742	17093
1942	3028	14348	69	102	17547
1943	2340	12774	38	123	15275
1944	2852	11481	37	114	14484
1945	2899	12002	20	132	15053
1946	3526	14617	634	22	18799
1947	3278	10336	43	10	13667
1948	2947	9867	2424	44	15282

Year	Total Cattle slaughtered (including calves)	Number affected with Tuber- culosis	Percentage affected	Total number of pigs slaughtered	Number affected with Tuber- culosis	Percentage affected
1939	5562	111	2·35	7686	52	1·09
1940	4076	148	3·72	4216	64	1·51
1941	2494	138	5·57	1742	36	2·06
1942	3097	135	4·45	102	2	1·96
1943	2378	124	5·25	123	2	1·62
1944	2889	102	3·57	114	—	—
1945	2919	154	5·31	132	3	2·27
1946	4160	225	6·38	22	—	—
1947	3321	417	12·55	10	1	10·00
1948	5371	461	8·58	44	4	9·09

APPENDIX 15—continued

CARCASSES INSPECTED AND CONDEMNED.

	Cattle ex- cluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	2947		2424	9867	44
Number inspected ..	2947		2424	9867	44
TUBERCULOSIS :—					
Whole carcasses con- demned.. ..	16	11	3	—	1
Carcases of which some part or organ was con- demned	365	66	—	—	3
Percentage	15·54		·12	—	9·09
OTHER DISEASE :—					
Whole carcasses condem- ned	—	2	6	20	3
Carcases of which some part or organ was con- demened	1743	275	3	1644	13
Percentage	68·54		·37	16·86	36·36

APPENDIX 16.

FOOD SURRENDERED AND DESTROYED.

383	tins of Meat.
1069	tins of Milk.
1819	tins of Vegetables, Soups, Fruit and Fish.
451	jars of Pickles.
1329	pkts. of Cake and Pudding Mixture.
60	Eggs and 3 pkts. Dried Egg.
663	Bread Buns and Pikelets.
585	lbs. of Flour.
22	„ Oats.
22	„ Sugar.
88 $\frac{3}{4}$	„ Bacon.
6	„ Cheese.
66 $\frac{3}{4}$	„ Butter and Margarine.
180	„ Preserves.
59	„ Dried Fruit.
9 $\frac{1}{4}$	„ Dates.
49	„ Yeast.
6	„ Cake.
17	„ Sausage.
470	„ Black Pudding.
20	„ Sweets.
4	„ Barcelona Nuts.
832	„ Barley and Barley Flakes.
4 stones	of Kippers.

APPENDIX 17.

SALE OF FOOD AND DRUGS, ACTS—ADULTERATED SAMPLES—ACTION TAKEN.

Article Purchased	Number Analysed	Formal Samples	Informal Samples	Number Genuine	Number Adulter- ated	No. of Sample	Nature of Adulteration	Remarks and Action Taken
Milk	86	15	71	74	12	170 171 174 178 189 190 194 214 223 225 228 229 176 177A 177B	<div>Below standard in fat to extent of 5%</div> <div>Below standard in fat to extent of 5%</div> <div>Below standard in fat to extent of 5%</div> <div>Below standard in fat to extent of 19.2%</div> <div>Below standard in fat to extent of 18.4%</div> <div>Below standard in fat</div> <div>Below standard in non-fatty solids—not due to addition of water. Deficient in fat to extent of 10%—may also be a natural deficiency.</div> <div>Below standard in non-fatty solids—deficiency due to natural cause other than addition of water. Deficient in fat to extent of 25%.</div> <div>Below standard in fat to extent of 11.7%</div> <div>Slightly below standard to extent of 1.70%</div> <div>Below standard in fat.</div> <div>Below standard in fat</div> <div>Infested with mites</div> <div>Infested with mites and maggots</div> <div>Infested with mites</div>	<div>Further samples taken—genuine.</div> <div>Further samples taken—genuine. Course of Delivery samples 188, 189 taken. Appeal to Cow samples 190, 191, 192 taken. Particulars of samples forwarded to Ministry of Agriculture & Fisheries for their assistance in suggesting better methods of feeding, etc., to the farmer concerned. Further samples taken—genuine.</div> <div>Formal samples 223, 224, 225 taken.</div> <div>Appeal to cow samples 228, 229, 230 taken.</div> <div>No further action.</div> <div>Taken at request of wholesaler. Stock disposed of for animal food.</div> <div>Stock in the hands of retailer disposed of. Formal sample 262 taken.</div> <div>Proceedings instituted by Ministry of Food. Fined £10—deficiency of meat and £50—charging higher price. Costs £8 18s. 6d. Formal sample taken 263.</div> <div>Proceedings instituted by Ministry of Food. Fined £20—deficiency of meat. Costs £2 12s. 6d.</div>
Barley Kernels	3	—	3	—	3	176 177A 177B	<div>Infested with mites</div> <div>Infested with mites and maggots</div> <div>Infested with mites</div>	<div>Taken at request of wholesaler. Stock disposed of for animal food.</div>
Custard Powder	2	—	2	1	1	218	<div>Infested with mites</div>	<div>Stock in the hands of retailer disposed of.</div>
Beef Sausage	5	2	3	1	4	249 262 257 263	<div>Deficient in meat content to extent of 80%</div> <div>Deficient in meat content to extent of not less than 66%</div> <div>Deficiency in meat content to extent of 66%</div> <div>Deficient in meat content to extent of 46%</div>	<div>Formal sample 262 taken.</div> <div>Proceedings instituted by Ministry of Food. Fined £10—deficiency of meat and £50—charging higher price. Costs £8 18s. 6d. Formal sample taken 263.</div> <div>Proceedings instituted by Ministry of Food. Fined £20—deficiency of meat. Costs £2 12s. 6d.</div>
Vegetable Sausage	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Frying Oil	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Apple Sauce	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
White Pepper	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Malt Chocolate Spread	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Pease Pudding	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Mincemeat	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Fish & Tomato Paste	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Lemonade	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Lemonade Crystals	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Meat Tenderizer	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Ground Ginger	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Sulphur & Yeast tablets	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Buttered Teacakes	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Chocolate Ice Bar	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Ice Lollipop	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Dried Egg	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Butter	3	—	3	3	—	—	<div>.. ..</div>	<div>..</div>
Margarine	3	—	3	3	—	—	<div>.. ..</div>	<div>..</div>
Baby Food	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Coffee	4	—	4	4	—	—	<div>.. ..</div>	<div>..</div>
White Pudding	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Brawn	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Smoked Polony	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Saccharine Tablets	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Aspirins	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Evaporated Milk	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Condensed Milk	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Tomato Ketchup	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Dehydrated Potatoes	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Non-brewed Vinegar	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Malt Vinegar	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>
Almond Flavouring	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Laxative Tablets	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Soya Flour	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Fish Cakes	3	—	3	3	—	—	<div>.. ..</div>	<div>..</div>
Dried Onions	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Meat Pie	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Glycerine	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Olive Oil	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Baking Powder	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Jam	1	—	1	1	—	—	<div>.. ..</div>	<div>..</div>
Sweets	2	—	2	2	—	—	<div>.. ..</div>	<div>..</div>

APPENDICES 18-21.

INFECTIOUS DISEASE.

APPENDIX 18.

NOTIFIED CASES OF INFECTIOUS DISEASES 1927-1948.

[illegible]

NOTIFIABLE DISEASES DURING THE YEAR—HOSPITAL CASES

DISEASE						Total cases Notified	No. of such cases treated in hopsital	Total Deaths
Scarlet Fever	..	..	..	..	..	88	48	—
Diphtheria	..	..	..	..	..	18	17	—
Erysipelas	..	..	..	..	..	21	6	1
Puerperal Pyrexia and Fever				..	..	9	7	—
Ophthalmia Neonatorum		..	..	..		1	—	—
Measles	..	..	..	..	..	327	14	—
Dysentery	..	..	..	..	..	4	4	—
Pneumonia	..	..	..	..	..	88	4	1
Whooping Cough		..	..	..	..	102	11	1
Typhoid	..	..	..	..	..	—	—	—
Meningitis	..	..	..	..	..	12	11	4
Paratyphoid	..	..	..	..	..	—	—	—
Poliomyelitis	..	..	..	..	..	—	—	—

Disease	Hospital					
	Grantully Mat. Home	Isolation Hospital	General Hospital	Cameron Hospital	H'pools. Hospital	Total
Scarlet Fever	—	48	(a) 3	(c) 1	—	48
Diphtheria	—	17	(a) 2	—	—	17
Erysipelas	—	6	—	(c) 1	—	6
Puerperal Pyrexia and Fever	(b) 2	6	1	—	—	7
Ophth. Neon'm.	—	—	—	—	—	—
Measles	—	13	1	—	—	14
Malaria	—	—	—	—	—	—
Pneumonia	—	1	(a) 4	—	—	4
Whooping Cough	—	11	(a) 1	—	—	11
Typhoid	—	—	—	—	—	—
Meningitis	—	11	(a) 1	—	—	11
Paratyphoid	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—

(a) eight cases were transferred from the General Hospital to Isolation Hospital.
(b) two cases were transferred from the Grantully Mat. Home to Isolation Hospital.
(c) two cases were transferred from the Cameron Hospital to Isolation Hospital.

DISEASE	Cases			Vision Impaired	Vision Unimpaired	Total Blindness	Deaths
	Notified	Treated					
		At Home	At Hospital				
Ophthalmia Neonatorum	1	1	—	—	1	—	—

APPENDIX 20.

Disease	At all ages	Cases notified in whole district										Ward distribution of cases							No. of cases treated in Hosp'l.			
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and up	N'th	West	Park	S. West	S. East		Central	N. East	Sea- ton
Scarlet Fever	.. 88	1	1	3	5	8	25	30	11	3	1	—	—	21	11	6	13	6	7	10	14	48
Diphtheria ..	.. 18	—	—	—	2	1	4	3	1	6	—	1	—	4	1	2	2	2	3	2	2	17
Erysipelas ..	.. 21	—	—	1	—	—	—	2	1	1	5	8	3	4	3	2	4	1	2	—	5	7
Puerperal Pyrexia	.. 9	—	—	—	—	—	—	—	1	7	1	—	—	1	—	—	—	3	2	—	3	7
Ophth. Neonatorum	.. 1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Measles ..	.. 327	34	48	46	55	54	80	6	3	1	—	—	—	68	27	41	25	26	21	52	67	14
Dysentery ..	.. 4	—	—	—	—	1	—	1	—	2	—	—	—	1	—	—	1	2	—	—	—	3
Malaria —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	.. 88	4	8	6	4	3	4	3	6	7	9	19	15	13	9	8	7	9	9	14	19	4
Whooping Cough ..	.. 102	7	23	15	24	9	22	1	—	—	1	—	—	11	5	6	15	6	9	19	31	11
Typhoid —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis ..	.. 12	—	3	—	1	1	2	1	1	3	—	—	—	2	—	—	2	3	2	2	1	11
Pulmonary T.B. ..	.. 129	1	—	—	3	—	4	7	21	43	15	33	2	22	11	10	18	13	19	13	23	—
Non-pulmonary T.B.	.. 22	1	1	—	2	2	6	2	3	3	—	2	—	6	1	1	1	2	1	4	6	—
TOTALS	.. 821	49	84	71	96	79	147	56	48	76	32	63	20	155	68	76	87	73	75	116	171	122

APPENDIX 21. ISOLATION HOSPITAL.

Disease	No. in Hospital on 1.1.48	Admitted during the year	Discharged during the year	Died	In Hospital on 31.12.48
Scarlet Fever	8	48	56	—	—
Diphtheria	3	17	20	—	—
OTHER DISEASES—					
Typhoid	—	—	—	—	—
Paratyphoid	—	—	—	—	—
Measles	2	13	15	—	—
Lobar Pneumonia ..	—	1	—	1	—
Erysipelas	—	6	5	1	—
Meningitis	—	11	7	4	—
Puerperal Pyrexia ..	—	5	5	—	—
Observation Cases ..	6	15	17	1	3
TOTALS ..	19	116	125	7	3

CHANGE OF DIAGNOSIS.

1 Scarlet Fever diagnosed Measles.
 1 Scarlet Fever diagnosed Observation.
 5 Diphtheria diagnosed Tonsilitis.
 1 Diphtheria diagnosed Quinzy.
 1 Meningitis diagnosed Influenza.
 1 Pneumonia diagnosed Influenza.
 1 Encephalitis Lethargica diagnosed Meningitis.

PATIENT DAYS.

West Hartlepool cases	..	..	..	..	..	..	1232
Cases from other areas	..	..	..	..	..	..	154

DURATION OF STAY (excluding Deaths).						LONGEST	SHORTEST
Scarlet Fever	..	..	..	..	..	37	3
Diphtheria	..	..	..	..	..	41	6
Other cases	..	..	..	..	..	28	1

DEATHS IN HOSPITAL.

	Duration of Stay					Total
	Less than 24 hours	1—2 days	2—7 days	1—4 weeks	Over 4 weeks	
Diphtheria	—	—	—	—	—	—
Meningitis	—	—	1	3	—	4
TOTALS ..	—	—	1	3	—	4

APPENDICES 22-25

TUBERCULOSIS

APPENDIX 22.

ALL NOTIFIED CASES OF TUBERCULOSIS, 1948.

AGE	Lungs			Abdomen			Meninges			Joints			Spine			Other Organs			Disseminated			All Forms		
	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
Under 1	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
1 and under	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	..	2	3	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	..	6	6	..	..	..	..	3	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
20	8	13	21	..	2	2	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
25	7	14	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
35	9	13	22	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
45	11	5	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
55	14	5	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
65	12	2	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
65 and over	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTALS	67	62	129	1	2	3	1	4	5	1	1	2	1	2	3	6	3	9	..	..	..	77	74	151

APPENDIX 23.**TUBERCULOSIS—NEW CASES AND MORTALITY 1948.**

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary		Non-pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0	1	..	1	..	1	..	1	..
1 year	1	2	4	1	..	..	..	..
5 years	2	2	2	4	..	..	..	1
10 „ .....	..	6	1	1	..	..	..	..
15 „	8	13	..	3	1	2	..	..
20 „	7	14	..	2	3	4	..	..
25 „	11	13	..	1	2	5	..	1
35 „	9	5	..	..	4	2	1	2
45 „	14	5	1	..	2	3	..	..
55 „	12	2	1	..	6	1	1	..
65 „, and upwards	2	..	..	..	3	..	..	..
TOTALS	67	62	10	12	22	17	3	4

APPENDIX 24.**TUBERCULOSIS—NUMBER OF CASES ON THE REGISTER, DECEMBER 1948.**

PULMONARY			NON:PULMONARY			TOTAL CASES
Males	Females	Total	Males	Females	Total	
242	201	443	75	71	146	589

APPENDIX 25.

DEATHS FROM TUBERCULOSIS.

Intervals between Notification and Deaths.

PERIOD	PARTS AFFECTED					TOTAL
	Lungs	Bones	Meninges	Abdominal	General	
Not Notified ..	2	1	1	..	1	5
— 1 week ..	2	..	..	..	..	2
— 4 weeks ..	6	..	1	..	..	7
— 3 months ..	1	..	..	..	..	1
— 6 months ..	1	..	..	..	..	1
—12 months ..	6	1	..	..	..	7
— 2 years ..	6	..	..	..	..	6
— 5 years ..	10	..	..	..	..	10
Over 5 years ..	5	1	..	1	..	7
TOTALS ..	39	3	2	1	1	46

APPENDICES 26-28.

MISCELLANEOUS.

APPENDIX 26.

MIDWIVES ACT, 1902—SECTION 8 (5).

NOTIFICATIONS RECEIVED DURING 1948.

No. on Midwives Roll	Date of Certifi- cate	NAME	Address (All West Hartlepool unless otherwise stated)
74766	24.11.28	PICKERING Winifred	26 Grange Road.
90631	11.8.34	GALLIMORE Kathleen F.M.	103 Westbourne Road
93510	14.8.34	GALLOWAY Eva	93 Oxford Road
107246	14.9.40	HARRISON Eleanor	16 Southbrooke Ave.
74779	24.11.28	MYERS Alice Annie	8 Wynnstay Gardens
67935	12.12.25	PHILLIPS Bessie	117 Westbourne Road
104224	19.11.38	WALKER Lydia	8 Bombay Grove, Seaton Carew
98274	20.2.37	BRAND Marjorie	81 Stockton Road
117674	17.5.47	BROWN Doreen	Howbeck Hospital
72784	27.2.27	HUTCHINSON Harriet E.	„ „
95715	22.2.36	WHITE Bertha E.	„ „
110388	13.3.43	IRVING Helena	Grantully Maternity Home
119379	30.12.47	McANDEW Margaret	„ „ „
117988	27.6.47	McNEIL Olive	„ „ „
67928	15.12.25	PIERSON Margaret B.	„ „ „
117503	14.4.47	SALT Eleanor	„ „ „
110530	10.3.43	STIRLING Mary C.	„ „ „

MIDWIVES PRACTISING UNDER ORDERS MADE BY
WEST HARTLEPOOL CORPORATION UNDER THE DEFENCE
(GENERAL) REGULATIONS, 1939.

76151	25.5.29	TURNBULL Janet Ferguson	34 York Road
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APPENDIX 27.

GENERAL HOSPITAL.

Treatment of Scabies and Impetigo.

The following tables show in detail treatment given in respect of the above diseases.

IN-PATIENTS—(DAYS IN HOSPITAL)

	0—5		5—16		16 Upwards		TOTAL	
	M	F	M	F	M	F	M	F
Scabies	—	—	—	—	—	—	—	—
Impetigo	31	10	21	24	—	—	52	34
Scabies and Impetigo ..	35	—	70	—	—	—	105	—
TOTALS	66	10	91	24	—	—	157	34

OUT-PATIENTS—(ATTENDANCES)

	0—5		5—16		16 Upwards		TOTAL	
	M	F	M	F	M	F	M	F
Scabies	72	—	46	84	—	89	118	173
Impetigo	—	—	—	17	—	—	—	17
Scabies and Impetigo ..	—	—	—	—	—	—	—	—
TOTALS	72	—	46	101	—	89	118	190

Total In-Patients during period 1.1.48 to 4.7.48 14

Total Out-Patients attending during period 1.1.48 to 4.7.48 .. 19

N.B.—The figures shown in the above tables relate to the period 1st January, 1948, to the 4th July, 1948, after which date this service became the responsibility of the Hartlepool Hospitals Management Committee.

APPENDIX 28.

FACTORY AND WORKSHOP ACT, 1901.
FACTORIES ACT, 1937.Inspections for Purpose of Provisions as to Health including Inspections
made by Sanitary Inspectors.

PREMISES (1)	Number on Register (2)	Number of		
		Inspectns. (3)	Written Notices (4)	Prosecutions. (5)
Factories with mechanical power	183	199	13	—
Factories without mechanical power	110	64	9	—
Other Premises under the Act, including works of building and engineering construction but not including outworkers premises	—	—	—	—
TOTAL	293	263	22	—

Defects Found.

PARTICULARS (1)	Number of Defects				No. of cases in respect of which prosec- utions were instituted. (6)
	Found (2)	Remedied (3)	To. H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness	12	12	—	2	—
Overcrowding	—	—	—	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation	—	—	—	—	—
Ineffective draining of floors	1	1	—	—	—
Sanitary Conveniences :—					
(a) Insufficient	5	5	—	5	—
(b) Unsuitable or defective ..	4	4	—	3	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTALS	22	22	—	10	—

